

SEQUENCE LISTING

- <110> Desauvage, Frederic
 Grewal, Iqbal
 Gurney, Austin L.
- <120> TYPE I CYTOKINE RECEPTOR TCCR
- <130> 11669.123USC1
- <140> US 10/663,158
- <141> 2003-09-15
- <150> US 09/692,504
- <151> 2000-10-18
- <150> US 60/160,542
- <151> 1999-10-20
- <160> 16
- <170> PatentIn version 3.1
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- Gln Gly Ser Ala Gly Pro Leu Gln Cys Tyr Gly Val Gly Pro Leu Gly 35 40 45
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- Glu Leu His Leu Gln Ser Gln Lys Tyr Arg Ser Asn Lys Thr Gln Thr 65 70 75 80
- Val Ala Val Ala Ala Gly Arg Ser Trp Val Ala Ile Pro Arg Glu Gln 85 90 95
- Leu Thr Met Ser Asp Lys Leu Leu Val Trp Gly Thr Lys Ala Gly Gln
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| | Leu 145 | Glu | Ala | Thr | Val | His 150 | Trp | Ala | Pro | Pro | Thr 155 | Trp | Pro | Ser | His | Lys 160 |
| | Val | Leu | Ile | Cys | Gln 165 | Phe | His | Tyr | Arg | Arg 170 | Cys | Gln | Glu | Ala | Ala 175 | Trp |
| | Thr | Leu | Leu | Glu 180 | Pro | Glu | Leu | Lys | Thr 185 | Ile | Pro | Leu | Thr | Pro 190 | Val | Glu |
| | Ile | Gln | Asp 195 | Leu | Glu | Leu | Ala | Thr 200 | Gly | Tyr | Lys | Val | Tyr 205 | Gly | Arg | Cys |
| | Arg | Met 210 | Glu | Lys | Glu | Glu | Asp 215 | Leu | Trp | Gly | Glu | Trp 220 | Ser | Pro | Ile | Leu |
| • | Ser 225 | Phe | Gln | Thr | Pro | Pro 230 | Ser | Ala | Pro | Lys | Asp 235 | Val | Trp | Val | Ser | Gly 240 |
| | Asn | Leu | Cys | Gly | Thr 245 | Pro | Gly | Gly | Glu | Glu 250 | Pro | Leu | Leu | Leu | Trp 255 | Lys |
| | Ala | Pro | Gly | Pro 260 | Суѕ | Val | Gln | Val | Ser 265 | Tyr | Lys | Val | Trp | Phe 270 | Trp | Val |
| | Gly | Gly | Arg 275 | Glu | Leu | Ser | Pro | Glu 280 | Gly | Ile | Thr | Cys | Cys 285 | Cys | Ser | Leu |
| | Ile | Pro 290 | Ser | Gly | Ala | Glu | Trp 295 | Ala | Arg | Val | Ser | Ala 300 | Val | Asn | Ala | Thr |
| | Ser 305 | Trp | Glu | Pro | Leu | Thr 310 | Asn | Leu | Ser | Leu | Val 315 | Cys | Leu | Asp | Ser | Ala 320 |
| | Ser | Ala | Pro | Arg | Ser 325 | Val | Ala | Val | Ser | Ser 330 | Ile | Ala | Gly | Ser | Thr 335 | Glu |
| | Leu | Leu | Val | Thr 340 | Trp | Gln | Pro | Gly | Pro 345 | Gly | Glu | Pro | Leu | Glu 350 | His | Val |
| | Val | Asp | Trp 355 | Ala | Arg | Asp | Gly | Asp 360 | Pro | Leu | Glu | Lys | Leu 365 | Asn | Trp | Val |

| Arg | Leu 370 | Pro | Pro | Gly | Asn | Leu 375 | Ser | Ala | Leu | Leu | Pro 380 | Gly | Asn | Phe | Thr |
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| Pro | Ala | Ile 435 | Ala | Trp | Gly | Glu | Val 440 | Pro | Arg | His | Gln | Leu 445 | Arg | Gly | His |
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| Gln | Gly | Pro | Pro 500 | Gly | Pro | Ile | Leu | Arg 505 | Leu | His | Leu | Pro | Asp 510 | Asn | Thr |
| Leu | Arg | Trp 515 | Lys | Val | Leu | Pro | Gly 520 | Ile | Leu | Phe | Leu | Trp 525 | Gly | Leu | Phe |
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| Leu 545 | Arg | His | Lys | Val | Leu 550 | Pro | Arg | Trp | Val | Trp 555 | Glu | Lys | Val | Pro | Asp 560 |
| Pro | Ala | Asn | Ser | Ser 565 | Ser | Gly | Gln | Pro | His 570 | Met | Glu | Gln | Val | Pro 575 | Glu |
| Ala | Gln | Pro | Leu 580 | Gly | Asp | Leu | Pro | Ile 585 | Leu | Glu | Val | Glu | Glu 590 | Met | Glu |
| Pro | Pro | Pro 595 | Val | Met | Glu | Ser | Ser 600 | Gln | Pro | Ala | Gln | Ala 605 | Thr | Ala | Pro |

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Trp Glu Pro Leu Gly Asp Leu Glu Thr Pro Pro Val Leu Tyr His Gln 50 55 60

Ser Gln Lys Tyr His Pro Asn Arg Val Trp Glu Val Lys Val Pro Ser 65 70 75 80

Lys Gln Ser Trp Val Thr Ile Pro Arg Glu Gln Phe Thr Met Ala Asp 85 90 95

Lys Leu Leu Ile Trp Gly Thr Gln Lys Gly Arg Pro Leu Trp Ser Ser 100 105 110

Val Ser Val Asn Leu Glu Thr Gln Met Lys Pro Asp Thr Pro Gln Ile 115 120 125

Phe Ser Gln Val Asp Ile Ser Glu Glu Ala Thr Leu Glu Ala Thr Val 130 135 140

Gln Trp Ala Pro Pro Val Trp Pro Pro Gln Lys Ala Leu Thr Cys Gln 145 150 155 160

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| Tyr | Pro 210 | Trp | Gly | Glu | Trp | Ser 215 | Ser | Pro | Leu | Ser | Phe 220 | Gln | Thr | Pro | Phe |
| Leu 225 | Asp | Pro | Glu | Asp | Val 230 | Trp | Val | Ser | Gly | Thr 235 | Val | Cys | Glu | Thr | Ser 240 |
| Gly | Lys | Arg | Ala | Ala 245 | Leu | Leu | Val | Trp | Lys 250 | Asp | Pro | Arg | Pro | Cys 255 | Val |
| Gln | Val | Thr | Tyr 260 | Thr | Val | Trp | Phe | Gly 265 | Ala | Gly | Asp | Ile | Thr 270 | Thr | Thr |
| Gln | Glu | Glu 275 | Val | Pro | Cys | Cys | Lys 280 | Ser | Pro | Val | Pro | Ala 285 | Trp | Met | Glu |
| Trp | Ala 290 | Val | Val | Ser | Pro | Gly 295 | Asn | Ser | Thr | Ser | Trp 300 | Val | Pro | Pro | Thr |
| Asn 305 | Leu | Ser | Leu | Val | Cys 310 | Leu | Ala | Pro | Glu | Ser 315 | Ala | Pro | Cys | Asp | Val 320 |
| Gly | Val | Ser | Ser | Ala 325 | Asp | Gly | Ser | Pro | Gly 330 | Ile | Lys | Val | Thr | Trp 335 | Lys |
| Gln | Gly | Thr | Arg 340 | Lys | Pro | Leu | Glu | Tyr 345 | Val | Val | Asp | Trp | Ala 350 | Gln | Asp |
| Gly | Asp | Ser 355 | Leu | Asp | Lys | Leu | Asn 360 | Trp | Thr | Arg | Leu | Pro 365 | Pro | Gly | Asn |
| Leu | Ser 370 | Thr | Leu | Leu | Pro | Gly 375 | Glu | Phe | Lys | Gly | Gly 380 | Val | Pro | Tyr | Arg |
| Ile 385 | Thr | Val | Thr | Ala | Val 390 | Tyr | Ser | Gly | Gly | Leu 395 | Ala | Ala | Ala | Pro | Ser 400 |
| Val | Trp | Gly | Phe | Arg 405 | Glu | Glu | Leu | Val | Pro 410 | Leu | Ala | Gly | Pro | Ala 415 | Val |

Trp Arg Leu Pro Asp Asp Pro Pro Gly Thr Pro Val Val Ala Trp Gly
420 425 430

Glu Val Pro Arg His Gln Leu Arg Gly Gln Ala Thr His Tyr Thr Phe 435 440 445

Cys Ile Gln Ser Arg Gly Leu Ser Thr Val Cys Arg Asn Val Ser Ser 450 455 460

Gln Thr Gln Thr Ala Thr Leu Pro Asn Leu His Ser Gly Ser Phe Lys 465 470 475 480

Leu Trp Val Thr Val Ser Thr Val Ala Gly Gln Gly Pro Pro Gly Pro 485 490 495

Asp Leu Ser Leu His Leu Pro Asp Asn Arg Ile Arg Trp Lys Ala Leu 500 505 510

Pro Trp Phe Leu Ser Leu Trp Gly Leu Leu Met Gly Cys Gly Leu 515 520 525

Ser Leu Ala Ser Thr Arg Cys Leu Gln Ala Arg Cys Leu His Trp Arg 530 535 540

His Lys Leu Leu Pro Gln Trp Ile Trp Glu Arg Val Pro Asp Pro Ala 545 550 555 560

Asn Ser Asn Ser Gly Gln Pro Tyr Ile Lys Glu Val Ser Leu Pro Gln 565 570 575

Pro Pro Lys Asp Gly Pro Ile Leu Glu Val Glu Val Glu Leu Gln 580 585 590

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| cttgtgtgca | ggtgacttac | acagtctggt | ttggggctgg | agatattact | acaactcaag | 840 |
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